



Unc's Fall Brawl Truck Rules

All events rules must be fully respected and without exception by the competitors and their mechanics.

First disrespect towards the rules will automatically result in disqualification of the truck for that specific event.

1. RESPECT TOWARD OFFICIALS AND VOLUNTEERS

Any disrespectful gestures or comments of any kind toward an official or volunteer could lead to disqualification.

2. ALCOHOL AND DRUGS

Any consumption of drugs and/or alcohol will result in disqualification of the racer and his truck.

3. REGISTRATION FOR THE EVENT

No registrations will be made the morning of the races

4. TRUCK SPEC FOR RACES

To be able to register for the races, the truck should have: minimum weight of 7,000 kg (15,432 LBS). Heavy truck frame, with 3 axles touching the ground and all equipped with brakes.

5. TRUCK INSPECTION BY TRACK OFFICIALS

The verification will be carried out by a mechanic from whom the event chooses.

Officials, racer, his mechanic and the owner of the truck may be present during this verification.

Truck inspection is mandatory prior to the races and thereafter at the discretion of the track officials.

Each racer has the responsibility to go to the track inspection tent which will be identified and fixed during the event. A refusal to inspect will result in disqualification of the truck and its driver. After the racers last race, if he qualifies for a payout, he must stop at the track inspection tent directly after the race. The racer will be disqualified, if the truck returns to his campsite, in the pit area or elsewhere. The mechanic and/ or the official will have the racer or his mechanic open the engine's hood to ensure the engine and truck is compliant. If the racer does not have a mechanic. It will be his responsibility to find one who can perform the task. If any components need to be removed to allow verification, this will be done by the racer or his mechanic.

6. NUMBER OF PERSONS IN THE TRUCK

For security reasons, only the co- pilot will be allowed in the truck.

Exception 1.: Immediate family (wife and children)

Exception 2: A person that has won a ride by a draw but will have to wear a NHRA, IHRA or NTPA approved fire resistant suit and a helmet in addition to the seat belt.

7. DRIVERS MEETING

It is mandatory that all drivers are present for the drivers meeting. A driver may delegate a member of his team as a representative.

8. REPAIR TIME

The repair time will be managed by the event officials in collaboration with the event staff. The repair time allocated for breakage is 30 minutes and if the protection material (Kevlar cover or

conveyor belt) must be removed to repair the breakage an additional 5 minutes will be granted. The racer is entitled to one repair time per day for each category (bobtail or loaded). This delay begins when a racer is called to run for a race. If a racer declared withdraws, he keeps his 30 minutes of repair. These 30 minutes are not transferable overnight. In the finals, the time allowed for a repair is 15 minutes.

9. LANE CHANGE

In the finals. switching of lanes is mandatory.

10. AUTOMATIC TRANSMISSION

Automatic transmissions prohibited in A or B classes.

11. PROTEST

Anyone who believes that a racer does not comply with the rules may file a protest for \$300 USD for A, B and C class. If the truck passes inspection the money will be granted to the racer of the inspected truck.

12. TRUCK PROTECTION

For Class A and B trucks, the following protection system must be installed:

1. The bellhousing must not be visible from the outside. (Cover the top of the frame with a plate to prevent any drive shaft parts from coming out.
2. Under the bell-housing a ½ inch thick Kevlar blanket or conveyor belt must be installed and attached to each side of the frame or drop down to 6 inches from the ground.
3. A Kevlar blanket or a 1/4 "thick plate must be installed from the start of the bellhousing and proceed to the end of the transmission to prevent parts from exiting the truck. all of which must be approved by the truck inspector. SFI approved clutch is the only exception to the protection cover rule.
4. Conveyor belt or a metal plate. rings for the drive shaft attached to the frame of the truck.
5. This protection starts at the engine and goes to the first differential.

6. Fuel tanks must also be protected. Although not required for class C, this is strongly recommended.

7. The addition of weight on the back must be secured to the frame

13. TRUCK COMPLIANCE

It is the racer's responsibility not to race if he feels his truck is mechanically un-safe. Any truck that is not compliant has until Saturday morning, 30 min prior to the start of the drivers meeting to get their truck in compliance and inspected.

14. OFFICIAL RULES FOR A CLASS

1. A diesel engine of 19 liters.
2. No generator or addition of a combustion engine attached to the truck will be accepted.
3. Maximum of 8 cylinders.
4. Maximum of 2 turbos
5. Or a turbo and a maximum blower of 1071 or equivalent.
6. Turbo and a supercharger model procharger f-3-136 or equivalent.
7. No compressor wheel should be visible.
8. Maximum of one injector per cylinder.
9. The exhaust beyond the hood will be accepted but must exceed the sun visor.
10. Vehicle must be mechanically safe.
11. Fire extinguisher of 10 lbs. minimum in the firewall location is mandatory for Common rail engines and is highly recommended for all. It must be Installed in plain view and easily accessible.
12. Water injection Is permitted. It must be 100% pure water (no alcohol, methanol etc.).
13. A ball valve must be installed on the water tube at the Intake of the engine air (intake).
14. Water samples will be taken randomly by the inspection staff.
15. Water must be provided by the racers.

16. No loss of liquid will be tolerated.
17. A positive air shut off is mandatory on all A class trucks.
18. The engine block and the head must be tied with a steel cable between the 2nd and 3rd at the exhaust port of the manifold. The cable should be at least 3/8 thick with 2 clamps at the splice and should have a clearance of approximately 4 inches.
19. An external back-up alarm must be installed on the truck.
20. Light must be installed in the windshield and must be switched on to signal that driver is ready to start (this will replace giving the thumbs up) .

15. RULES FOR THE "B" CLASS

1. Air inlet system can be modified through the hood or other with an air inlet pipe having a maximum diameter of 7".
2. Original fuel system and mechanical engines are allowed.
3. A single turbo having an inlet smaller than 82.50mm with a compressor wheel of 81mm maximum inducer and 116mm maximum exducer. Wheel cannot be cut.
4. Compressor cover with a map groove/ surge groove cannot exceed .200 of an inches in width.
5. Map groove/surge grove must be located inside the 82.50mm section of the compressor housing only. No other air supply is accepted.
6. When a seal is fixed. the mechanic will keep a log of the numbers fixed to the trucks.
7. Maximum of 6 cylinders in line and 1 injector per cylinder.
8. Engine up to 16 liters or V8 engine.
9. The external appearance of the engine and the truck will have to remain factory.
10. It is permitted to add only one fuel pump. Either mechanical (hydraulic) or electric (fass, air dog).
11. No visible addition of modified parts that are not original will be tolerated. (Example: external waste gate).
12. A positive air shut off is mandatory on all B class trucks.
13. Must have a mechanically safe truck.

14. A decorative Ram air system on the original filter will be accepted.
15. Only one ECM for the engine. A Pittsburgh power box or equivalent is accepted.
16. Only one free air cooler (no fan) is permitted. No ice cooler.
17. The fuel cooler can't exceed 14 and a quarter inch in length x 6-inch in height x 1 and a half inches thick. ex (copper transmission cooler style).
18. Fire extinguisher of 10 lbs. minimum in the firewall Is mandatory for Common rail and highly recommended for all others.
19. Common rail: only matching number trucks (frame/ engine). no glider. original fuel pump without modifications. original turbo or it can be modified according to the regulations of class B, all the rest of the regulations applies.
20. No injection is allowed (water. windshield etc.).
21. Electric fan for the engine radiator is allowed.
22. Caterpillar Acert compound turbo engine will be allowed. The competitor must. Provide the inspector with the technical data sheet for the components linked to the engine serial number (liters. turbo. injector. etc.).
23. No injection of any kind is permitted for B class.
24. No computer inside (laptop).
25. An external backing alarm must be installed on the truck.
26. Bore & stroke of origin.
27. A light must be installed in the windshield and must be switched on to signal that driver is ready to start (this will replace giving the thumbs up).

20. SPECIFIC RULES FOR C CLASS

1. No smoke will be tolerated.
2. If the exhaust is Installed on the cab no other exhaust will be tolerated. (Ex: exhaust under the truck with a hatch).
3. 80mm Turbo and aftermarket manifold accepted. (The turbos will be checked and sealed).
4. Air filters can be removed or modified but the original piping must be connected.

5. A decorative Ram air system on original filter will be accepted.
6. Maximum of 2400 RPM.
7. Double elimination.
8. Fire extinguisher of 10 lbs. minimum.
9. Must have a mechanically safe truck.
10. In case of a doubt there will be inspection and will be disqualified if the truck does not meet the standards.
11. No electronic addition ((Pittsburgh and/ or Resistance, etc.).
12. No injection is allowed (water. windshield washer. nitro, etc.)
13. No computer inside (laptop.)
14. Engine 16-liter maximum.
15. If there is a non-compliance of a truck before the start of the races. It will be an immediate disqualification and no opportunity to move up to B class for the rest of the weekend.
16. An external backing alarm must be installed on the truck.
17. A light must be installed in the windshield and must be switched on to signal that driver is ready to start (this will replace giving the thumbs up).

21. OFFICIAL RULES FOR C Mechanical Class

1. A diesel engine of 19 liters.
2. No compressor wheel should be visible.
3. Maximum of one injector per cylinder.
4. The exhaust beyond the hood will be accepted but must exceed the sun visor.
5. Vehicle must be mechanically safe.
6. Fire extinguisher of 10 lbs. minimum in the firewall location is mandatory for Common rail engines and is highly recommended for all. It must be Installed in plain view and easily accessible.
7. Water injection Is permitted. It must be 100% pure water (no alcohol, methanol etc.).

8. A ball valve must be installed on the water tube at the Intake of the engine air (intake).

9. Water samples will be taken randomly by the inspection staff.

10. Water must be provided by the racers.

11. No loss of liquid will be tolerated.

12. A positive air shut off is mandatory on all A class trucks.

13. Must have working brakes

14. No N.O.S or Propane

22. OFFICIAL RULES FOR Loaded Diesel Pickup Truck

1. 14' loaded tandem dump trailer
2. Maximum total weight will be 10,000 lbs. Or less
3. Double eliminations